



2000 Toxics Release Inventory

MARYLAND

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	14,866,118	28,740,192	43,606,310
Air Emissions	7,715,351	28,347,211	36,062,563
Surface Water Discharges	3,381,011	183,253	3,564,265
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	54,434	54,434
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	3,769,755	155,293	3,925,048
Off-site Releases (Transfers Off-site to Disposal)*	856,458	731,525	1,587,983
Total On- and Off-site Releases	15,722,576	29,471,717	45,194,293
Recycled On-site	7,953,172	291,050	8,244,222
Recycled Off-site	9,298,172	388,873	9,687,045
Energy Recovery On-site	7,793,977	0	7,793,977
Energy Recovery Off-site	1,071,974	39	1,072,013
Treated On-site	52,109,386	7,123,731	59,233,117
Treated Off-site**	10,251,856	619	10,252,475
Quantity Released On- and Off-site***	15,775,382	29,447,344	45,222,726
Total Production-related Waste Managed	104,253,919	37,251,656	141,505,575
Non-production-related Waste Managed	774	26,500	27,274

Transfers Off-site for Further Waste Management/Disposal

Recycling	4,963,385	388,874	5,352,259
Energy Recovery	987,250	35	987,285
Treatment	5,696,293	10	5,696,303
Publicly Owned Treatment Works (POTWs)	4,456,343	0	4,456,343
Metals and Metal Compounds*	70,308	0	70,308
Non-metal TRI Chemicals**	4,386,035	0	4,386,035
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	824,365	731,533	1,555,898
Total Transfers Off-site for Further Waste Management/Disposal	16,927,636	1,120,452	18,048,088

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

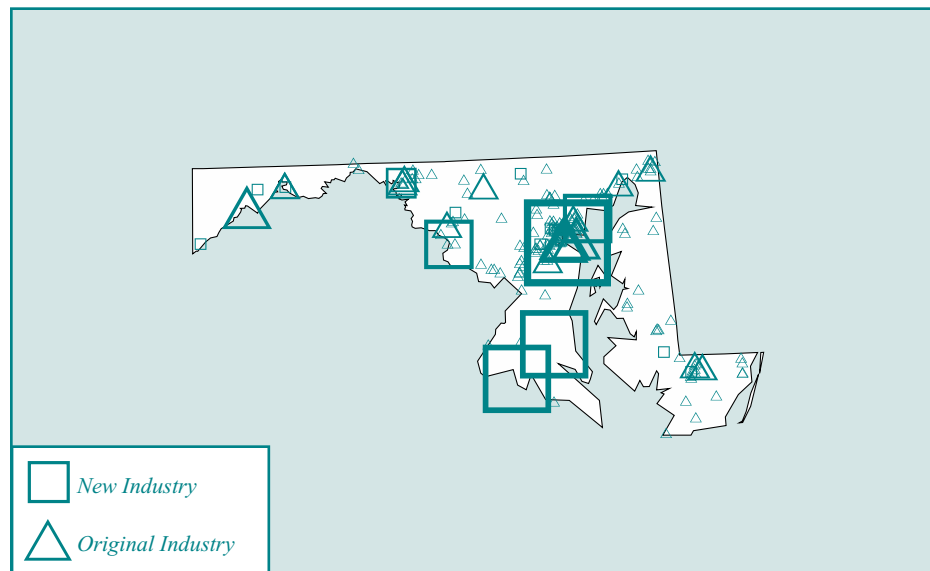
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Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Maryland. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	5,310,908
Square Miles	9,775
Total Facilities	202
Total Forms	771
Form As	144

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	35	25	31
Pounds	15,722,576	29,471,717	45,194,293
National Rank for Total On-site Releases**			
Rank	33	24	29
Pounds	14,866,118	28,740,192	43,606,310
National Rank for Total Releases within State***			
Rank	35	24	30
Pounds	15,588,197	29,686,867	45,275,064
National Rank for Production-related Waste Managed			
Rank	35	31	38
Pounds	104,253,919	37,251,656	141,505,575

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	25,078,329	0	0	0	0	25,078,329	89	0	0
—	Manganese compounds	35,829	199,876	42,100	3,023,885	45,508	3,347,198	2,447	40,120	5,388
—	Nitrate compounds	10	3,027,529	0	89,813	15,610	3,132,962	0	15,608	2
7664-93-9	Sulfuric acid	2,835,617	0	0	0	0	2,835,617	0	0	0
463-58-1	Carbonyl sulfide	1,612,400	0	0	0	0	1,612,400	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	19,705.80	9,500.00	0.00	300.00	16,548.58	46,054.38	3,947.65	42.00	16,506.58
7439-97-6	Mercury	1,301.95	0.16	0.00	19.00	353.00	1,674.11	40.95	329.00	24.00
—	Mercury compounds	1,211.90	1.70	134.00	306.10	6.10	1,659.80	2,117.00	6.00	0.10
191-24-2	Benzo(g,h,i)perylene	225.62	5.00	0.00	0.00	201.80	432.42	19.10	193.00	8.80
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	275.00	275.00	0.00	275.00	0.00
118-74-1	Hexachlorobenzene	0.00	0.50	0.00	99.00	0.00	99.50	1.00	0.00	0.00
608-93-5	Pentachlorobenzene	0.00	0.20	0.00	40.30	0.00	40.50	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.08	0.04	0.00	6.00	0.00	6.11	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>34.157</i>	<i>16.260</i>	<i>0.000</i>	<i>2,720.980</i>	<i>0.286</i>	<i>2,771.683</i>	<i>0.000</i>	<i>0.286</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	12,380,992	3,407	0	0	0	17,800	12,402,199	0	0
Morgantown Generating Station, Newburg, Charles	7,342,284	114,215	0	0	0	36,853	7,493,352	267,029	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	3,864,339	12,355	0	0	0	3,800	3,880,494	247,050	16,521
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	1,166,330	177,002	0	0	0	1,597,222	2,940,555	0	0
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	164,550	56,210	0	0	0	2,035,400	2,256,160	0	9,400
Dickerson Generating Station, Dickerson, Montgomery	2,003,220	49,750	0	0	0	4,954	2,057,925	199,250	12
C. P. Crane Generating Station, Baltimore, Baltimore	2,038,795	0	0	0	0	0	2,038,795	0	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Anne Arundel	26,554	1,804,995	0	0	0	25,043	1,856,592	58	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	1,531,675	0	0	0	0	10,206	1,541,881	412,726	33
Grace Davison, Baltimore, Baltimore City	171,095	1,197,043	0	0	0	998	1,369,136	21,148	15,620

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Eastalco Aluminum Co., Frederick, Frederick	18,278.00	0.00	0.00	0.00	0.00	0.00	18,278.00	0.00	0.00
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	373.50	9,505.06	0.00	0.00	0.00	0.00	9,878.56	50.00	16,520.80
American Stone-Mix Inc., White Marsh, Baltimore	1,320.00	0.00	0.00	0.00	0.00	300.00	1,620.00	0.00	0.00
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	607.45	0.00	0.00	0.00	0.00	40.00	647.45	0.00	0.00
Westvaco Corp. Fine Papers Div., Luke, Allegany	534.20	0.00	0.00	0.00	0.00	0.20	534.40	6.00	0.10
Morgantown Generating Station, Newburg, Charles	464.12	0.00	0.00	0.00	0.00	3.00	467.12	29.00	0.00
Mettiki Coal L.L.C., Oakland, Garrett	1.70	0.10	0.00	134.00	0.00	160.10	295.90	0.00	0.00
Dickerson Generating Station, Dickerson, Montgomery	260.40	0.10	0.00	0.00	0.00	4.00	264.50	250.00	12.00
Lehigh Portland Cement Co., Union Bridge, Carroll	255.00	0.00	0.00	0.00	0.00	0.00	255.00	0.00	0.00
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	0.40	2.34	0.00	0.00	0.00	221.94	224.67	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	0	0	0	0	0	0	12,402,506	12,402,506	0
Morgantown Generating Station, Newburg, Charles	0	0	0	0	1,239,564	0	7,768,494	9,008,058	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	0	0	0	0	665,900	0	4,115,434	4,781,334	26,000
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	0	100	0	0	14,504,256	0	2,940,109	17,444,465	0
Dickerson Generating Station, Dickerson, Montgomery	0	0	0	0	3,165,000	0	2,255,520	5,420,520	0
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	0	0	0	0	0	0	2,222,000	2,222,000	0
C. P. Crane Generating Station, Baltimore, Baltimore	0	0	0	0	0	0	2,038,801	2,038,801	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	1	4,973,100	0	2,533,000	3,553,055	1,954,641	13,013,797	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Anne Arundel	1,161,765	1,171,051	0	0	0	0	1,856,650	4,189,466	0
Grace Davison, Baltimore, Baltimore City	4,021,100	13,360	0	0	5,160,770	17,970	1,409,302	10,622,502	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Eastalco Aluminum Co., Frederick, Frederick	0	0	0	0	2,000,000	16	18,278	2,018,294	0
American Stone-Mix Inc., White Marsh, Baltimore	0	0	0	0	0	0	1,620	1,620	0
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	0	0	0	0	0	0	646	646	0
Building Materials Mfg. Corp., Baltimore, Baltimore City	0	582	0	0	0	0	582	1,164	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	1	0	0	0	1,204	541	1,746	0
Dickerson Generating Station, Dickerson, Montgomery	0	0	0	0	0	0	520	520	0
Morgantown Generating Station, Newburg, Charles	0	0	0	0	2,564	0	494	3,058	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	0	0	0	0	8,900	0	434	9,334	26,000
Mettiki Coal L.L.C., Oakland, Garrett	0	0	0	0	0	0	295	295	0
Tamko Roofing Prods. Inc., Frederick, Frederick	0	0	0	0	0	0	258	258	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.